

CURRICULUM VITAE

BIOGRAPHICAL DATA - SCIENTIFIC WORK- RESEARCH ACTIVITY

Personal Data

Date of Birth: 24 February 1976
Birthplace: Naousa, Greece

Work Address: Cyprus University of Technology (CUT)
Department of Agricultural Sciences, Biotechnology &
Food Science (ABF)
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Studies

[2001-2004] PhD in Arboriculture/Postharvest Physiology, Faculty of Agriculture, Aristotle University of Thessaloniki (AUTH), Greece

PhD dissertation: 'The effect of calcium on physiological, biochemical and phytopathological parameters of distinct peach genotypes (*Prunus persica* L. Batsch)'
[Supervisor: Prof. Miltiadis Vasilakakis]

[1998-2001] MSc in the Master of Science programme: 'Genetic Improvement and Plant Physiology', Faculty of Agriculture, AUTH, Greece

MSc thesis: 'Elimination of viruses in nectarine (*Prunus persica* var. nectarina Max) through thermotherapy and meristem-tip culture'
[Supervisor: Prof. Athanasios Economou]

[1993-1998] BSc degree [5 years] in Agricultural Sciences, majoring in Horticulture, Faculty of Agriculture, AUTH, Greece

BSc thesis: 'The effect of preharvest chilling units on postharvest performance of apple cultivars and their susceptibility on physiological disorders'
[Supervisor: Prof. Evangelos Sfakiotakis]

Academic & Post-doctoral Positions

- [01/03/18- present]** Cyprus University of Technology, Department of Agricultural Sciences, Biotechnology & Food Science, Lemesos, Cyprus, **Associate Professor**
- [01/01/13- 28/02/18]** Cyprus University of Technology, Department of Agricultural Sciences, Biotechnology & Food Science, Lemesos, Cyprus, **Assistant Professor**
- [01/01/09- 31/12/12]** Cyprus University of Technology, Department of Agricultural Sciences, Biotechnology & Food Science, Lemesos, Cyprus, **Lecturer**
- [23/01/07- 30/04/08]** University of Padova, Faculty of Agriculture, Department of Environmental Agronomy & Crop Science, Italy
Post-doctoral fellow as a recipient of an Individual Marie Curie Intra European Fellowship
- [01/07/06-31/12/06]** University of California at Davis, Department of Plant Sciences, US, **Post-doctoral Research Associate**
- [8/2002-6/2006]** Technological Educational Institute (TEI) of Thessaloniki, Department of Crop Production, Greece
Contract Lecturer/Assistant Professor
- [8/2005-6/2006]** TEI of West Macedonia, Department of Marketing & Qualitative Control of Rural Products, Greece
Contract Assistant Professor
- [6/2004-6/2006]** TEI of Thessaloniki, Department of Crop Production, Greece, **Contract Research Associate**

Knowledge of Languages

- Greek (fluent):** *Mother tongue*
English (fluent): *Certificate of Proficiency in English*
Italian (good): *Diploma di lingua Italiana*

Member of Scientific Societies/Affiliations

1. **Hellenic Society for Horticultural Science** (since 2003, membership number: 141),
2. **International Society for Horticultural Science** (since 2003, membership number: 26441), currently **Council member**
3. **European Fruit Research Institute Network (EUFRIN)** (since November 2015): currently **Board member (Cyprus Representative)**

4. Marie Curie Alumni Association (2007, membership number: 4699)
5. European Plant Science Organisation (EPSO) (since 2009)

Awards/Fellowships for Studies [1993-2008]

[January 2007 - April 2008]	Marie Curie IEF Fellowship for carrying out post-doctoral research at the University of Padova.
[October 2006]	Scholarship of excellence as a post-doctoral scientist from the Research Committee of Aristotle University of Thessaloniki. (<i>Ten scholarships were provided in candidates of all Departments of the University</i>)
[June 2002 - September 2002]	Socrates/Erasmus mobility grant spent in Milan, Italy (University of Milan, Division of Agricultural Sciences) in the frame of my PhD studies.
[November 2000 - April 2004]	42-month scholarship after scoring in the 1st position in national examinations from the State Scholarship Foundation of Greece for postgraduate studies (PhD) in the field of 'Plant Physiology'.
[October 1998 – December 1999]	15-month bursary from the Research Committee of AUTH after succeeding with the highest grade in the entrance examinations for postgraduate studies in the Faculty of Agriculture. [Scholarship was offered in the form of invited participation in a scientific project entitled 'Reconstruction and improvement of postgraduate studies of the Division of Agricultural Sciences'].
[September 1993]	Bursary from the State Scholarship Foundation of Greece for graduate studies in the Faculty of Agriculture/Aristotle University of Thessaloniki, after national examinations [enrollment with the 4th highest grade out of 270 entrances].

Teaching Experience

Courses taught at Cyprus University of Technology

- **Arboriculture/Pomology [ABF214]**
[11] Semesters (2009-2019), theory & field site visits, week load: 3-6 h
web.cut.ac.cy/fruitsciencesgroup/courses/pomology/
- **Viticulture [ABF315]**
[9] Semesters (2010-2019), theory, week load: 2 h
web.cut.ac.cy/fruitsciencesgroup/courses/viticulture/
- **Postharvest Physiology & Technology [ABF415]**
[8] Semesters (2011-2019), theory & lab exercises, week load: 5 h
web.cut.ac.cy/fruitsciencesgroup/courses/postharvest-physiology-technology/
- **Principles of Plant Production [ABF212]**
[8] Semesters (2012-2019), theory, week load: 1 h
web.cut.ac.cy/fruitsciencesgroup/courses/principles-of-plant-production/
- **Physiology & Biochemistry of Agricultural Products [ABF507, postgraduate course]**
[9] Semesters (2011-2019), theory, week load: 2,4 h
web.cut.ac.cy/fruitsciencesgroup/courses/physiology-biochemistry-of-agricultural-products/

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- **Plant Propagation & Nursery management [ABF313]**
[10] Semesters (2009-2018), theory, lab exercises-field visits, week load: 3,5 h
web.cut.ac.cy/fruitsciencesgroup/courses/plant-propagation/
 - **Science & Technology of Products of Plant Origin**
[2] Semesters (2010-2011), theory, week load: 1 h

Courses taught in other Universities/Institutions

Contract Lecturer/Assistant Professor,

TEI of Thessaloniki, Department of Crop Production

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- **Pomology** (Introductory course)
[3] Academic years (2002-2004), laboratory exercises
 - **Temperate Fruit Crops**
[3] Academic years (2003, 2004, 2006), laboratory exercises
 - **Postharvest Physiology of Horticultural Products**
[2] Academic years (2004, 2005), theory and laboratory exercises

Contract Assistant Professor,

TEI of West Macedonia, Department of Marketing & Qualitative Control of Rural Products

▪ Quality of Rural Products

[1] Academic year (2005/2006), laboratory exercises

Invited Instructor (Post-graduate programme 'Horticultural Genetics & Biotechnology')
Mediterranean Agronomic Institute of Chania, Greece

Postgraduate course: '**Molecular Biology and Biochemistry of Fruit Ripening**'

30 March-3 April 2009 (20 academic hours)

2-5 May 2018 (20 academic hours)

Citations

To date, a total number of **1936 citations** (excluding self-citations of all co-authors) have been received out of **49 published papers** in referred journals. Based on the list of citing articles per publication, the **h-index is 23**.

Source	Documents	Citations	h-index
Scopus	70	1922	23
Web of Science	50	1502	20
Google Scholar	67	2635	26

Member of Editorial Boards

- **Editorial Board Member**

Postharvest Biology & Technology (since 2015)

www.journals.elsevier.com/postharvest-biology-and-technology/editorial-board/

- **Associate Editor**

BMC Plant Biology (since 2017)

Fruits (since 2018)

Journal of Horticultural Science & Biotechnology (since 2014)

www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=thsb20#.VvQT8Xq52_8

Ad Hoc Reviewer in Refereed Journals

A total of **>400 reviews** of research papers, following invitations by the Editors of **96 refereed journals** have been carried out (2007-present). The complete list of referred journals and the respective number of manuscripts that have been reviewed for each Journal is shown below:

1. Postharvest Biology & Technology [100]
2. Food Chemistry [59]

3. Journal of the Science of Food & Agriculture [35]
4. International Journal of Food Science & Technology [31]
5. Scientia Horticulturae [23]
6. Acta Physiologia Plantarum [12]
7. Plant Science [8]
8. Food Science & Technology International [8]
9. Journal of Experimental Botany [7]
10. Journal of Agricultural & Food Chemistry [7]
11. European Journal of Horticultural Science [7]
12. HortScience [7]
13. Journal of Horticultural Science & Biotechnology [7] (prior assigned Handling Editor)
14. Gene [6]
15. Central European Journal of Biology [5]
16. Journal of Plant Growth Regulation [4]
17. Plant Physiology & Biochemistry [4]
18. Journal of Food Processing and Preservation [4]
19. Food Analytical Methods [4]
20. Journal of Food Composition & Analysis [4]
21. Journal of Food Science & Technology [4]
22. Journal of Food Biochemistry [4]
23. Fruits [3]
24. New Phytologist [2]
25. Analytical Letters [2]
26. Current Pharmaceutical Analysis [2]
27. HortTechnology [2]
28. Life Sciences [2]
29. Journal of Chemistry [2]
30. BMC Plant Biology [2]
31. Advances in Horticultural Science [2]
32. Journal of Agricultural Science & Technology [2]
33. Plant Growth Regulation [2]
34. Food & Chemical Toxicology [2]
35. Nutrients [2]
36. Brazilian Journal of Botany [1]
37. Journal of Soil Science & Plant Nutrition [1]
38. Plant Cell Reports [1]
39. Physiologia Plantarum [1]
40. Biotechnology Progress [1]
41. Molecules [1]
42. International Food Research Journal [1]
43. Italian Journal of Food Science [1]
44. CyTA - Journal of Food [1]
45. Annals of Applied Biology [1]
46. Acta Alimentaria [1]
47. Advances in Horticultural Science [1]
48. European Journal of Medicinal Plants (1)

49. Arabian Journal of Chemistry [1]
50. Plant Signaling Behaviour [1]
51. Frontiers in Chemistry [1]
52. Journal of Food Processing [1]
53. Current Nutrition & Food Science [1]
54. International Journal of Fruit Science [1]
55. Springer Plus [1]
56. Proceedings of the Estonian Academy of Sciences [1]
57. Food Bioscience [1]
58. Waste & Biomass Valorization [1]
59. Food Research International [1]
60. International Journal of Food Sciences & Nutrition [1]
61. Separation Science & Technology [1]
62. Journal of the American Pomological Society [1]
63. International Journal of Molecular Sciences [1]
64. Scientia Pharmaceutica [1]
65. National Academy Science Letters [1]
66. Electronic Journal of Biotechnology [1]
67. Recent Patents on Food, Nutrition & Agriculture [1]
68. Functional Plant Biology [1]
69. Biocatalysis & Agricultural Biotechnology [1]
70. Annals of Agricultural Science [1]
71. Journal of Food Quality [1]
72. The Natural Products Journal [1]
73. Innovative Food Science & Emerging Technologies [1]
74. Physiology & Molecular Biology of Plants [1]
75. Journal of Functional Foods [1]
76. Analytical Methods [1]
77. Horticulture Research [1]
78. Plos ONE [1]
79. Food Hydrocolloids [1]
80. Methods X [1]
81. Food Science & Nutrition [1]
82. Journal of Dietary Supplements [1]
83. Natural Product Research [1]
84. Journal of Thermal Biology [1]
85. Biotechnology Letters [1]
86. Polish Journal of Food and Nutrition Sciences [1]
87. European Journal of Lipid Science & Technology [1]
88. American Journal of Enology & Viticulture [1]
89. Horticulturae [1]
90. Tree Genetics & Genome [1]
91. Heliyon [1]
92. Journal of Food Science [1]
93. Plant Foods for Human Nutrition [1]
94. Journal of Berry Research [1]

95. International Journal of Food Science [1]
96. Plant Biology [1]

Member of Scientific Committees

1. XIV ISHS Symposium on Plant Regulators in Fruit Production, Lake Garda, 20-24 September 2021.
2. IV ISHS Symposium on Horticulture in Europe (SHE), Stuttgart (Germany), 2-6 June 2020
3. 13th International Controlled and Modified Atmosphere Research Conference ('CAMA 2020'), Leuven (Belgium), 17-20 May 2020.
4. III International Symposium on Wild Relatives of Subtropical & Temperate Fruit & Nut Crops, Plovdiv (Bulgaria), 15-17 October, 2018.
5. IX ISHS Postharvest Unlimited Conference, Madrid (Spain), 17-20 October 2017.
6. 28th Symposium of the Hellenic Society for Horticultural Science, Thessaloniki (Greece), 16-20 October 2017.
7. II ISHS International Symposium: Fruits along the Silk Countries Road, Trebinje (Bosnia-Herzegovine), 2-6 October 2017.
8. IX ISHS International Peach Symposium, Bucharest (Romania), 2-6 July 2017.
9. XII ISHS International Controlled & Modified Atmosphere Research, Skierniewice (Poland), 18-22 June 2017.
10. International Tomato Conference: 'Tomatoes, trends towards 2020', Antwerp (Belgium), 13-15 April 2016.
11. IV International Conference on Postharvest & Quality Management of Horticultural Products of Interest for Tropical Regions, Amaya Hills, Kandy (Sri Lanka), 6-8 April 2017.
12. VIII ISHS International Olive Symposium, Split (Croatia), 10-14 October 2016.
13. I European Conference of Post Graduate Horticulture Scientists (ECPHS), Palermo, 12-13 May 2016.
14. VIII ISHS International Postharvest Symposium, Cartagena (Spain), 20-23 June 2016.
15. Science in Technology 2015 (www.scinte.gr), Technological Educational Institute of Athens (Greece), 5-7 November 2015.
16. 27th Symposium of the Hellenic Society for Horticultural Science, Volos (Greece), 28 September-1 October 2015.
17. 26th Symposium of the Hellenic Society for Horticultural Science, Kalamata (Greece), 15-18 October 2013
18. International Symposium on Quality Management of Fruits & Vegetables for Human Health, Bangkok (Thailand), 5-8 August 2013.
19. I International Plum & Cherry Symposium, Madrid (Spain), 24-26 October 2012

Invited Examiner of PhD dissertations/MSc Thesis

- **Giulio Piva** (University of Palermo, Italy), Distant External examiner, Dissertation title: Characterization and development of different methods to store and preserve fresh cut fruit. Scientific Supervisors: Paolo Inglese, Aldo Todaro [31 January 2017]

- **Angeliki Ainalidou** (AUTH/Faculty of Agriculture), External examiner, Dissertation title: 'Biochemical and physiological investigation of the effect of exogenous cytokinins on kiwifruit growth and postharvest ripening. Scientific Supervisor: Aikaterini Karamanoli [13 April 2016]
- **Esther Marago** (Superior School of Sant' Anna, Pisa, Italy), External examiner, Dissertation title: Ancient apple (*Malus x domestica*) varieties from Tuscany: study of antioxidant compounds in relation to human health. Scientific Supervisor: Luca Sebastiani [19 May 2015]
- **Antonio Berardi** (University of Foggia, Italy), External examiner, Dissertation title: The use of hyperspectral imaging to predict quality and characterize local varieties of artichokes. Scientific Supervisor: Maria Luisa Amodio [25 May 2015]
- **Leonarda Mastrandrea** (University of Foggia, Italy), External examiner, Dissertation title: Optimizing storage conditions for minimally processed rocket leaves: effect of temperature and gas conditions on aromatic profile, sensorial and nutritional quality. Scientific Supervisor: Maria Luisa Amodio [25 May 2015]
- **Antonio Baselice** (University of Foggia, Italy), External examiner, Dissertation title: EU consumers' perception of fresh-cut fruit and vegetables attributes: A choice experiment model. Scientific Supervisor: Antonio Stasi [25 May 2015]
- **Roberta Tosetti** (Superior School of Sant' Anna, Pisa, Italy), External examiner, Dissertation title: A transcriptomic approach to study stone fruit (*Prunus* spp.) development and responses to postharvest stress. Scientific Supervisor: Pietro Tonutti [11 March 2014]
- **Ioannis Minas**, (Aristotle University of Thessaloniki, Greece), External examiner, Dissertation title: The effect of ozone, ethylene and 1-MCP on postharvest performance of kiwifruit. Scientific Supervisors: Miltiadis Vasilakakis, Athanasios Molassiotis [28 February 2014]
- **Emma Collings** (University of Cranfield, UK), External examiner, Thesis title: Effects of using a novel palladium-promoted ethylene scavenger (e+® ethylene absorber) on ripening in climacteric fruit. Scientific Supervisor: Leon Terry [16 March 2012]

1. MEMBER OF NATIONAL AND INTERNATIONAL COMMITTEES

- **Cyprus Council for the Recognition of Higher Education Qualifications (KY.SA.T.S.)**: Committee Member of in the field of Agricultural Sciences [January 2014-present]
- **International Society for Horticultural Science (ISHS)**: Council Member (since April 2012)
- **Hellenic Society for Horticultural Science**: Vice-president (2016-present, 2012-2014), and General Secretariat (January 2014- January 2016)
- **European Fruit Research Institute Network (EUFRIN)**: Board member (Cyprus Representative), (November 2015-present)
- **Advisory Committee Member** in the thematic priority 'Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy' of the Horizon 2020 Programme (Invitation from Cypriot Research Promotion Foundation).

PUBLICATIONS**A. RESEARCH PAPERS IN PEER-REVIEWED JOURNALS**

1. HADJIPIERI M, CHRISTOFI M, GOULAS V, **MANGANARIS GA**. The impact of harvesting day on mechanical properties, qualitative attributes and postharvest performance of two loquat cultivars. *Scientia Horticulturae* **2019**, in press.
2. GEORGIADOU E, KOUBOURIS G, GOULAS V, SERGENDANI C, NIKOLOUDAKIS N, **MANGANARIS GA**, KALAITZIS P, FOTOPOULOS, V. Genotype-dependent regulation of vitamin E biosynthesis in olive fruits as revealed through metabolic and transcriptional profiles. *Plant Biology* **2019**, 21, 604-614. (Impact factor: 2,393) [1 citation]
3. CONSTANTINO S, GÓMEZ-CARAVACA AM, GOULAS V, SEGURA-CARRETERO A, KOUNDOURAS S, **MANGANARIS GA**. Leaf removal at veraison stage differentially affects qualitative attributes and bioactive composition of fresh and dehydrated grapes of two indigenous cultivars of Cyprus. *Journal of the Science of Food & Agriculture* **2019**, 99, 1342-1350. (Impact factor: 2,422) [1 citation]
4. FERNÁNDEZ I MARTI A, SASKI CA, **MANGANARIS GA**, GASIC K, CRISOSTO CH. Genomic Sequencing of Japanese Plum (*Prunus salicina* Lindl.) Mutants Provides a New Model for Rosaceae Fruit Ripening Studies. *Frontiers in Plant Science* **2018**, 9:21. doi.org/10.3389/fpls.2018.00021 (Impact factor: 4,106) [3 citations]
5. **MANGANARIS GA**, GOULAS V, MELLIDOU I, DROGOUDI P. Antioxidant phytochemicals in fresh produce: exploitation of genotype variation and advancements in analytical protocols. *Frontiers in Chemistry* **2018**, 5:95. doi:10.3389/fchem.2017.00095 (Impact factor:3,782) [1 citation]
6. CONSTANTINO S, GÓMEZ-CARAVACA AM, GOULAS V, SEGURA-CARRETERO A, KOUNDOURAS S, **MANGANARIS GA**. The impact of postharvest dehydration methods on qualitative attributes and chemical composition of 'Xynisteri' grape (*Vitis vinifera*) must. *Postharvest Biology & Technology* **2018**, 135, 114-122. (Impact factor:3,927) [2 citations]
7. **MANGANARIS GA**, DROGOUDI P, GOULAS V, TANOU G, GEORGIADOU EC, PANTELIDIS GE, PASCHALIDIS KA, FOTOPOULOS V, MANGANARIS A. Deciphering the interplay among genotype, maturity stage and low-temperature storage on phytochemical composition and transcript levels of enzymatic antioxidants on *Prunus persica* fruit. *Plant Physiology & Biochemistry* **2017**, 119, 189-199. (Impact factor:3,404) [5 citations]
8. CONSTANTINO S, GÓMEZ-CARAVACA AM, GOULAS V, SEGURA-CARRETERO A, **MANGANARIS GA**. Metabolic fingerprinting of must obtained from sun-dried grapes of two indigenous Cypriot cultivars destined for the production of 'Commandaria'; a protected designation of origin product. *Food Research International* **2017**, 100, 469-476. (Impact factor: 3,579) [1 citation]
9. HADJIPIERI M, GEORGIADOU EC, MARIN A, DIAZ-MULA HM, GOULAS V, FOTOPOULOS V, TOMÁS-BARBERÁN FA, **MANGANARIS GA**. Metabolic and transcriptional elucidation of the carotenoid

- biosynthesis pathway In peel and flesh tissue of loquat fruit during on-tree development. *BMC Plant Biology* **2017**, 17:102. (Impact factor:3,670) [6 citations]
10. GEORGIADOU E, GOULAS V, NTOUROU T, **MANGANARIS GA**, KALAITZIS P, FOTOPOULOS V. Regulation of on-tree vitamin E biosynthesis in olive fruit during successive growing years: the impact of fruit development and environmental cues. *Frontiers in Plant Science* **2016**, 7:1656 (Impact factor: 4,106) [3 citations]
 11. DROGOUDI P, PANTELIDIS GE, GOULAS V, **MANGANARIS GA**, ZIOGAS V, MANGANARIS A. The appraisal of qualitative parameters and antioxidant contents during postharvest peach fruit ripening underlines the genotype significance. *Postharvest Biology & Technology* **2016**, 115, 142-150. (Impact factor: 2,618) [11 citations]
 12. GEORGIADOU EC, NTOUROU T, GOULAS V, **MANGANARIS GA**, KALAITZIS P, FOTOPOULOS V. High resolution temporal analysis reveals a key role for *VTE5* in vitamin E biosynthesis in olive fruit during on-tree development. *Frontiers in Plant Science* **2015**, 6:871. (Impact factor: 4,106) [6 citations]
 13. GOULAS V, MINAS IS, KOURDOULAS PM, LAZARIDOU A, MOLASSIOTIS AN, GEROTHANASIS I, **MANGANARIS GA**. ¹H NMR metabolic fingerprinting to probe temporal postharvest changes on qualitative attributes and phytochemical profile of sweet cherry fruit. *Frontiers in Plant Science* **2015**, 6:959. (Impact factor: 4,106) [9 citations]
 14. FOTOPOULOS V, CHRISTOU A, ANTONIOU C, **MANGANARIS GA**. Hydrogen sulphide: a versatile tool for the regulation of growth and defence responses in horticultural crops. *Journal of Horticultural Science & Biotechnology* **2015**, 90, 227-234. (Impact factor: 1,044) [14 citations]
 15. MINAS IS, VICENTE AR, DHANAPAL AP, **MANGANARIS GA**, GOULAS V, VASILAKAKIS M, CRISOSTO CH, MOLASSIOTIS A. Ozone-induced kiwifruit ripening delay is mediated by ethylene biosynthesis inhibition and cell wall dismantling regulation. *Plant Science* **2014**, 229, 76-85. (Impact factor: 3,785) [21 citations]
 16. CHRISTOU A, **MANGANARIS GA**, FOTOPOULOS V. Systemic mitigation of salt stress by hydrogen peroxide and sodium nitroprusside in strawberry plants via transcriptional regulation of enzymatic and non-enzymatic antioxidants. *Environmental & Experimental Botany* **2014**, 107, 46-54. (Impact factor:3,712) [27 citations]
 17. CHRISTOU A, FILIPPOU P, **MANGANARIS GA**, FOTOPOULOS V. Sodium hydrosulfide induces systemic thermotolerance to strawberry plants through transcriptional regulation of heat shock proteins and aquaporin. *BMC Plant Biology* **2014**, 14:42. (Impact factor:3,670) [47 citations]
 18. GOULAS V, MINAS IS, KOURDOULAS PM, VICENTE AR, **MANGANARIS GA**. Phytochemical content, antioxidants and cell wall metabolism of two loquat (*Eriobotrya japonica*) cultivars under different storage regimes. *Food Chemistry* **2014**, 155, 227-234. (Impact factor:5.399) [13 citations]
 19. GOULAS V, KOURDOULAS P, MAKRIS F, THEODOROU M, FELLMAN JK, **MANGANARIS GA**. Comparative polyphenolic antioxidant profile and quality of traditional apple cultivars as affected by

- cold storage. *International Journal of Food Science & Technology* **2014**, 49, 2037-2044. (Impact factor: 2,122) [4 citations]
20. CHRISTOU A, GEORGIADOU E, FILIPPOU P, **MANGANARIS GA**, FOTOPOULOS V. Establishment of a rapid, inexpensive protocol for extraction of high quality RNA from small amounts of strawberry plant tissues and other recalcitrant fruit crops. *Gene* **2014**, 537, 169-173. (Impact factor: 2,638) [9 citations]
21. **MANGANARIS GA**, GOULAS V, VICENTE AR, TERRY LA. Berry antioxidants: small fruits providing large benefits. *Journal of the Science of Food & Agriculture* **2014**, 94, 825-833. (Impact factor: 2,463) [107 citations]
22. VICENTE AR, **MANGANARIS GA**, MINAS IS, GOULAS V, LAFUENTE MT. Cell wall modifications and ethylene-induced tolerance to non-chilling peel pitting in citrus fruit. *Plant Science* **2013**, 210, 46-52. (Impact factor: 3,437) [4 citations]
23. CHRISTOU A, **MANGANARIS GA**, PAPADOPOULOS I, FOTOPOULOS V. Hydrogen sulphide induces systemic tolerance to salinity and non-ionic osmotic stress in strawberry plants through modification of reactive species biosynthesis and transcriptional regulation of multiple defence pathways. *Journal of Experimental Botany* **2013**, 64, 1953-1966. (Impact factor: 5,360) [134 citations]
24. GALANAKIS CM, GOULAS V, TSAKONA S, **MANGANARIS GA**, GEKAS V. A knowledge base for the recovery of natural phenols with different solvents. *International Journal of Food Properties* **2013**, 16:2, 382-396. (Impact factor: 1,398) [76 citations]
25. MINAS IS, TANOU G, BELGHAZI M, JOB D, **MANGANARIS GA**, MOLASSIOTIS A, VASILAKAKIS M. Physiological and proteomic approaches to address the active role of ozone in kiwifruit post-harvest ripening. *Journal of Experimental Botany* **2012**, 63, 2449-2464. (Impact factor: 5,360) [41 citations]
26. CANTÍN CM, MINAS IS, GOULAS V, JIMÉNEZ M, **MANGANARIS GA**, MICHAILIDES TJ, CRISOSTO CH. Sulfur dioxide fumigation alone or in combination with CO₂-enriched atmosphere extends the market life of highbush blueberry fruit. *Postharvest Biology & Technology* **2012**, 67, 84-91. (Impact factor: 3,927) [41 citations]
27. GOULAS V, **MANGANARIS GA**. Towards an efficient protocol for the determination of triterpenic acids in olive fruit: a comparative study of drying and extraction methods. *Phytochemical Analysis* **2012**, 23, 444-449. (Impact factor: 1,963) [20 citations]
28. GOULAS V, **MANGANARIS GA**. Exploring the phytochemical content and the antioxidant potential of Citrus fruits grown in Cyprus. *Food Chemistry* **2012**, 131, 39-47. (Impact factor: 5.399) [94 citations]
29. GOULAS V, **MANGANARIS GA**. The effect of strawberry postharvest ripening on its bioactive composition and antioxidant potential. *Journal of the Science of Food & Agriculture* **2011**, 91, 1907-1914. (Impact factor: 2,422) [16 citations]
30. FALARA V*, **MANGANARIS GA***, ZILLOTTO F, MANGANARIS A, BONGHI C, RAMINA A, KANELIS AK. A β -D-xylosidase and a PR-4B precursor identified as genes in accounting for differences in

- peach cold storage tolerance. *Functional & Integrative Genomics* **2011**, 11, 357-368. (*equal contribution) (Impact factor: 2,745) [18 citations]
31. **MANGANARIS GA**, RASORI A, BASSI D, GEUNA F, RAMINA A, TONUTTI P, BONGHI C. Comparative transcript profiling of apricot (*Prunus armeniaca* L.) fruit development and on-tree ripening. *Tree Genetics & Genomes* **2011**, 7, 609-616. (Impact factor: 1,862) [19 citations]
32. MINAS IS, KARAOGLANIDIS GS, **MANGANARIS GA**, VASILAKAKIS M. Effect of ozone application during cold storage of kiwifruit on the development of stem-end rot caused by *Botrytis cinerea*. *Postharvest Biology & Technology* **2010**, 58, 203-210. (Impact factor: 3,927) [50 citations]
33. **MANGANARIS GA**, VICENTE, AR, CRISOSTO, CH, LABAVITCH JM. Effect of delayed storage and continuous ethylene exposure on flesh reddening of 'Royal Diamond' plums. *Journal of the Science of Food & Agriculture* **2008**, 88, 2180-2185. (Impact factor: 2,422) [17 citations]
34. **MANGANARIS GA**, VASILAKAKIS M, MIGNANI I, MANGANARIS A. Cell wall physicochemical properties as indicators of peach quality during fruit ripening after cold storage. *Food Science & Technology International* **2008**, 14, 385-391. (Impact factor: 1,221) [6 citations]
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